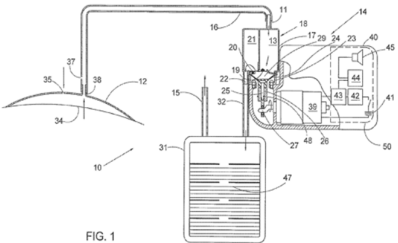



CLAIM CHART

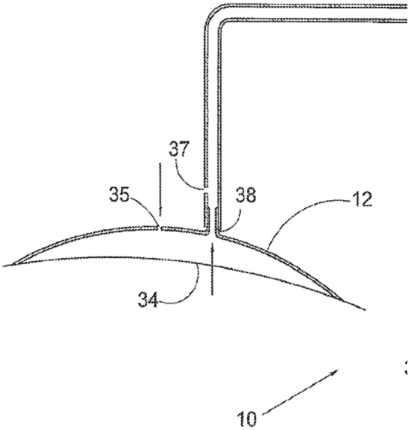
U.S. PATENT NO. 8,858,534 B1 – CLAIM 12

Claim 1	Patent Specification	Corresponding Structure in Accused Systems – Cardinal Health SVED Negative Pressure Wound Therapy System
1. A vacuum system for applying negative pressure to a wound, the vacuum system comprising:		<p>Cardinal Health manufactures the Cardinal Health SVED Negative Pressure Wound Therapy System</p> <div><p>Cardinal Health SVED Negative Pressure Wound Therapy System - 6701132</p><p>by Cardinal Health - Authorized Distributor ☆☆☆☆☆ Write a review Ask a question</p><p>Fast delivery Easy returns AutoShip eligible free shipping on \$49+</p><p>Cardinal Health SVED NPWT Device - Each - #6701132 - 2 - 4 Weeks Lead Time</p><p>List Price: \$21907.45 You Save: \$2847.97 (13%)</p><p>\$19,059.48</p><p>Qty - 1 + ADD TO CART</p></div> <p>The Cardinal Health SVED Wound Vac provides Negative Pressure Wound Therapy for patients treated in an acute, extended, or homecare setting. The NPWT SVED Device provides controlled vacuuming for wound care to remove exudate, body fluids, and infectious materials to encourage faster wound healing. Specialized foam dressings are applied over the wound connected to the system to facilitate negative pressure for the transfer of fluids into the canister. Use only compatible Cardinal Health NPWT dressings, consumables, and replacement parts, including carry case, AC adapter, polyurethane drape, and canister. This wound therapy is specified for chronic, acute, partial-thickness burns, diabetic and pressure ulcers, and skin grafts. This device must be used with compatible Cardinal Health accessories, including Foam Dressing Kits, Drape, and NPWT Canister.</p> <p>https://www.vitalitymedical.com/cardinal-health-sved-negative-pressure-wound-therapy-system-6701132.html</p>

HCPCS codes	HCPCS description	Cardinal Health™ Products
97607	Negative pressure wound therapy, <u>(e.g., vacuum assisted drainage collection)</u> utilizing disposable, non-durable medical equipment including provision of exudate management collection system, topical application(s), wound assessment and instructions for ongoing care, per session; total wound(s) surface area less than or equal to 50 square centimeters.	NPWT PRO™ NPWT PRO TO GO™ Kit
97608	Negative pressure wound therapy, <u>(e.g., vacuum assisted drainage collection)</u> utilizing disposable, non-durable medical equipment including provision of exudate management collection system, topical application(s), wound assessment and instructions for ongoing care, per session; total wound(s) surface area less than or equal to 50 square centimeters.	NPWT ALLY™ NPWT ALLY TO GO™ Kit

<https://www.cardinalhealth.com/content/dam/corp/web/documents/fact-sheet/cardinal-health-npwt-reimbursement-fact-sheet-home-health.pdf>

an enclosure,



Enclosure 12

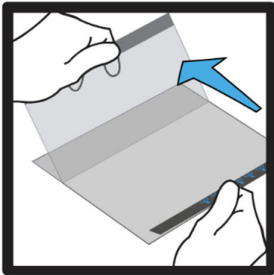


Figure 5

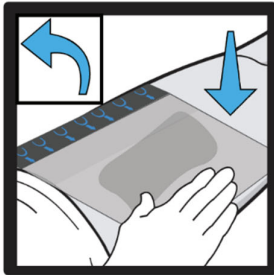


Figure 6

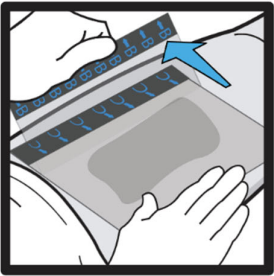


Figure 7

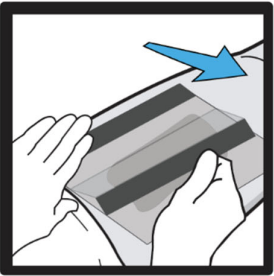
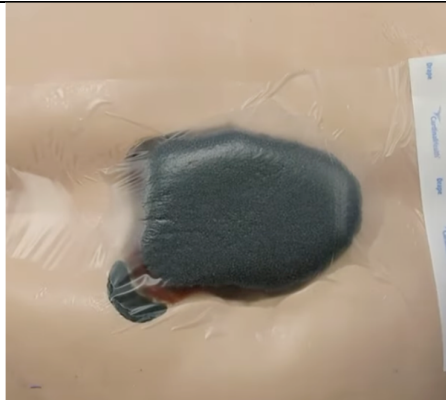


Figure 8



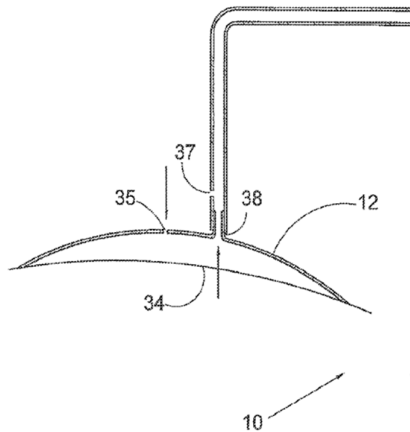
Figure 9

Source: <https://www.vitalitymedical.com/pub/pdf/user-manual-sved-npwt-device.pdf>

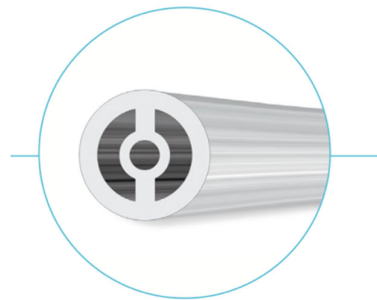


Source: <https://www.youtube.com/watch?v=8QtahXKNdU>

a venting arrangement,



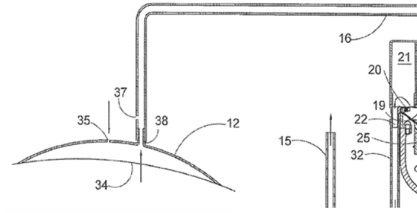
Tube orifice 37 shown as a vent



Dual-lumen tubing

technology maintains and monitors pressure at the wound site. Tubing is designed to remove exudate while providing continuous NPWT.

a tube,



Tube shown at 16



a vacuum source,

“The NPWT SVED Device **provides controlled vacuuming** for wound care to remove exudate, body fluids, and infectious materials to encourage faster wound healing.”

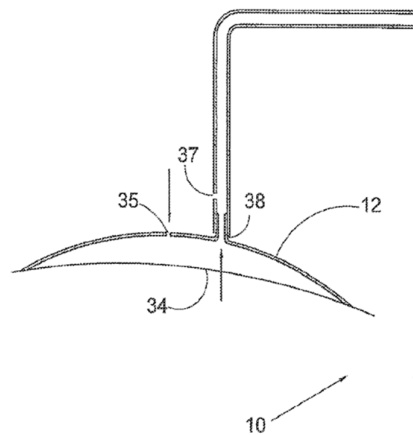


Source: <https://www.vitalitymedical.com/cardinal-health-sved-negative-pressure-wound-therapy-system-6701132.html>

and a controller:



the enclosure being attachable to a periphery of the wound so as to define a confined volume;



Enclosure 12
Wound area 34

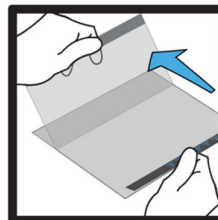


Figure 5

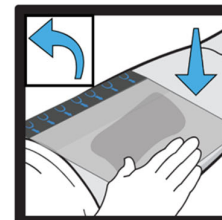


Figure 6

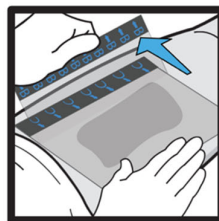


Figure 7

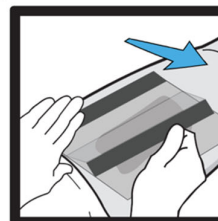


Figure 8

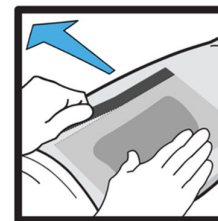

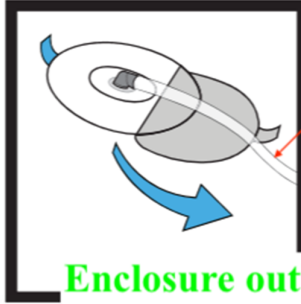
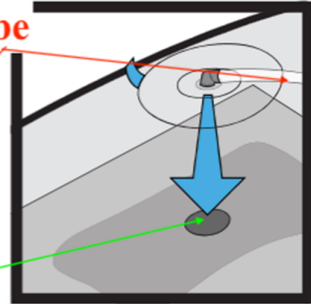
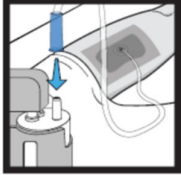



Figure 9

<p>the enclosure having an enclosure outlet connectable to said vacuum source via said tube so that negative pressure can be selectively created in said volume;</p>		<p>Shown below is the method of creating the enclosure outlet by cutting a portion of the enclosure. The enclosure outlet is then connected to the vacuum source in the third image below.</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>Figure 10</p> </div> <div style="text-align: center;">  <p>Figure 11</p> </div> <div style="text-align: center;">  <p>Figure 12</p> </div> </div> <div style="text-align: center; margin-top: 20px;">  <p>Figure 13</p> </div>
<p>the venting arrangement comprising a flow restrictor to restrict flow through said venting arrangement and to thereby provide a controlled flow of ambient air into said vacuum system upstream of the vacuum source;</p>	<p>“The bleeding hole renders the wound closure vented or non-airtight, as distinguishable from conventional wound closures. The flow of air from the bleeding hole in the wound closure, in response to the negative pressure created by the vacuum pump, facilitates the removal of exudate, which might otherwise coagulate, dry-up and occlude the tubing” Col. 2. ll. 25-30</p>	<p>The dual lumen tubing provides a negative pressure vacuum in one lumen and a controlled vent in the other lumen.</p> <div style="text-align: center;">  <p>Dual-lumen tubing technology maintains and monitors pressure at the wound site. Tubing is designed to remove exudate while providing continuous NPWT.</p> </div>

the controller configured for controlling operation of the vacuum source while providing venting of the vacuum system via said venting arrangement to provide a desired level of said negative pressure in said confined volume.

“The drive unit **40** also includes a control block **50** with control circuits such as cycle control **42**, which turns the motor pump on and off alternately, motor voltage and current monitoring and control **43**, which **controls the negative pressure level produced by the pump unit 18**, by controlling the voltage and current which drive motor **39**.”

The pressure settings available on the NPWT SVED device create the desired levels of pressure in the enclosure.

There are three Pressure Settings available: -70, -120 and -150mmHg .

